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December 16, 2013

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: November 2013 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.28

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in November 2013 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **November 1** – Receipt of EPA approval of Field Change Request (FCR) No. 1 for implementation of the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site* and collection of location GS-01AQ from the landside during low-tide using a hand-driven piston corer.
- **November 5** – Anchor QEA submitted FCR No. 2 for implementation of the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site*.

- **November 8** – Receipt of EPA approval of FCR No. 2 for implementation of the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site*.
- **November 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A. The results of the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site* showed no substantial product at any of the subsurface core locations.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submittal of the December monthly progress report.
- Development and submittal of a short summary memorandum for the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site*.
- Completion of monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Assistant Project Manager



Carl Stivers, Partner
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Alan Gladstone and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



Visual Observations Log Form

Date November 20, 2013 **Project Number:** 000029-02 BG-28 Task 4a

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 7)—November 2013

Time Observations Started: November 20, 2013 @ 13:30 **Time Observation Concluded:** November 20, 2013 @ 14:30

Weather Conditions: Mostly sunny, 46° Fahrenheit, winds from the northwest @ 5-10 knots.

Wave Action Observations: Medium wave action (0.3 – 1.0 feet in height)

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 11/20/2013 ranged in elevation from 3.81 to 5.66 feet. The Willamette River level during photos was at low tide approximately 3.94 feet measured at 14:00 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No erosion/deposition is evident along the shoreline. Three organoclay mat material segments are exposed and visible. Four feet of a 20-foot section of organoclay mat is out of the water at the upriver extent of the cap area perpendicular to the shoreline. A segment measuring 4-foot in length is 1 to 2 feet from shoreline near the lateral mid-point of the cap area (Photo 1). Near the downriver extent of the cap area, one 40-foot section of organoclay mat material has 3 to 4 feet shoreward of the water's edge.

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, the Fuel and Marine Marketing (FAMM) containment boom was placed across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall). Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview is shown in Photo 2.

Other Comments:

No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by:

Douglas Laffoon

Photo 1 — *Visible section of organo-clay mat near the lateral midpoint of the cap area (11/20/13):*



Photo 2 — *FAMM oil boom and mariner warning buoys across pilot cap area. (11/20/13):*



Photo 3 — *Conditions immediately downriver of cap area (11/20/13):*

